

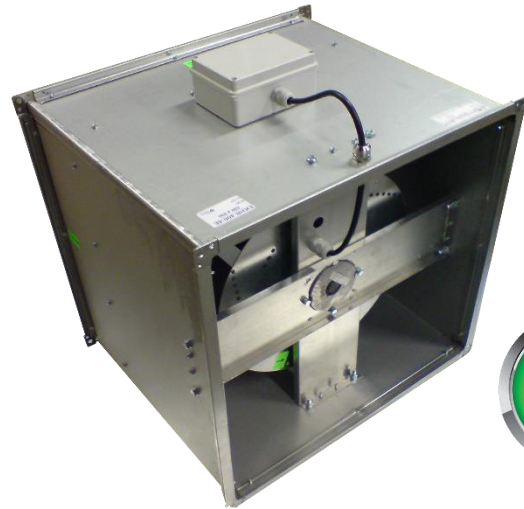
DKHR500-4SB

Article No. N63-50316

D/EKH... - Plug Fan
 with AC-Motor and B-Impeller

- pressure orientated high performance impeller
- different mechanical configurations available
- wide range of voltage- and frequency-controlled configurations
- maintenance free operation through lifetime lubricated ball bearings

Rosenberg AC-Radial fans in combination with a voltage-controllable external-rotor motor form a very compact, efficient and optimized fan unit. They impress with low installation depth and a simple installation. Fast start-up is ensured because of well-integrated components.



Applications:
 Air Handling Units / Wind Power / Railway / Compressors / Transformer cooling

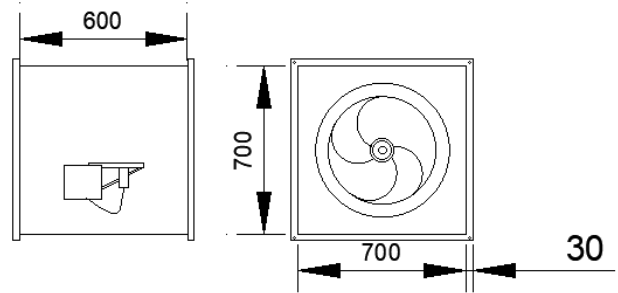
Technical Data:

Nominal - Data:

Voltage	400 D	V
Frequency	50	Hz
Input power	1.9	kW
Current	3.4	A
Speed	1390	r/min
min. Airflow Temperature	-25	°C
max. Airflow Temperature	70	°C
Delta I	19	%
Inrush Current Ia/In	5	
Protection Class	IP 54	
Weight	27.5	kg
k-Factor	202	m ² s/h

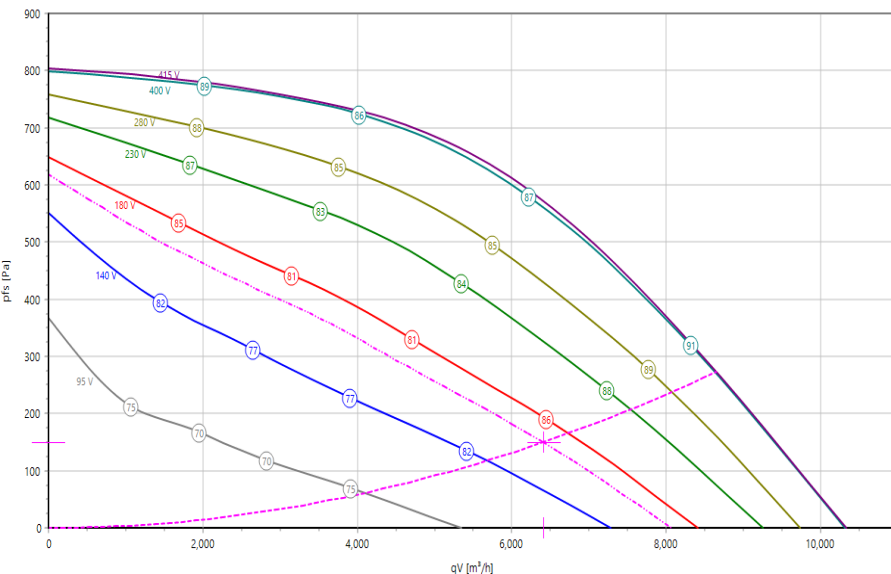
ErP - Data:

Airflow	5643	m ³ /h
Pressure	656	Pa
Eff. Grad N	63	
max. Efficiency	55.4	%
Input power	1.86	kW
Speed	1390	r/min
ERP-Status	ERP 2015	

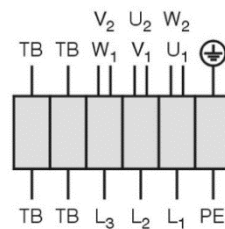


Sound - Data:

	Sum	63 Hz	125 Hz	250 Hz	500 Hz	1 kHz	2 kHz	4 kHz	8 kHz	Distance:	1m	4m
LwA(A,in) [dB(A)]	78	51	65	70	71	73	71	66	59	LpA(A,in) [dB(A)]	71	60
LwA(A,out) [dB(A)]	84	53	73	75	78	79	76	72	63	LpA(A,out) [dB(A)]	77	66



Wiring Diagram



- U₁ braun / brown / brun
- V₁ blau / blue / bleu
- W₁ schwarz / black / noir
- U₂ rot / red / rouge
- V₂ grau / grey / gris
- W₂ orange / orange / orange
- TB weiß / white / blanc
- PE gelb-grün / yellow-green / jaune-vert

01.006

Three phase motor in delta connection with thermostatic switch (TB). Changing of rotation direction by interchanging of 2 phases.

Accessories:

Speed Controller RTD 5.0

For more information please contact Irish Ventilation & Filtration, e-mail:

sales@irishvent.ie or phone: (01) 492 5003

Irish Ventilation and Filtration, Unit C 390 Clonard Road, Dublin, D12 V3PW